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<b>To:</b>	Examiner Phuc T. Dang	<b>From:</b>	Leslie S. Szivos, Ph.D.
<b>Fax:</b>	703 872-9306	<b>Pages:</b>	15 Including cover page
<b>Phone:</b>		<b>Date:</b>	1/10/2005
<b>Re:</b>	Appl. Serial No. 10/775,515 Filing Date: February 10, 2004 Docket No. YOR920010308US2 (16315A)	<b>CC:</b>	

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**Attached hereto is:**

1. Response Under 37 C.F.R. §1.111
2. Amendment Transmittal (in duplicate)
3. Certificate of Facsimile

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## CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

Applicant(s): Jack O. Chu, et al.

Docket No.

YOR920010308US2 (16315A)

Application No.  
10/775,515Filing Date  
02/10/04Examiner  
Phuc T. DangGroup Art Unit  
2818Invention: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si<sub>1-x-y</sub>Ge<sub>x</sub>C<sub>y</sub> AND Si<sub>1-y</sub>C<sub>y</sub> ALLOY LAYERS  
ON Si BY UHV-CVDI hereby certify that this Response Under 37 C.F.R. §1.111  
(Identify type of correspondence)is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703 872-9306)on January 10, 2005  
(Date)

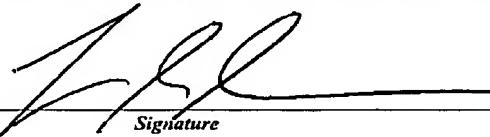
Leslie S. Szivos, Ph.D. Registration No. 39,394

(Typed or Printed Name of Person Signing Certificate)

(Signature)

Note: Each paper must have its own certificate of mailing.



<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b> Applicant(s): Jack O. Chu, et al.				Docket No. YOR920010308US2 (16315A)	
Application No. 10/775,515	Filing Date 02/10/04	Examiner Phuc T. Dang	Customer No. 23389	Group Art Unit 2818	Confirmation No. 1045
Invention: <b>EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si<sub>1-x-y</sub>Ge<sub>x</sub>C<sub>y</sub> AND Si<sub>1-y</sub>C<sub>y</sub> ALLOY LAYERS ON Si BY UHV-CVD</b>					
<b>COMMISSIONER FOR PATENTS:</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
TOTAL CLAIMS	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
12	-	20 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	1	-	3 =	0	x \$200.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					\$0.00
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.					
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
 <i>Signature</i> <span style="float: right;">Dated: January 10, 2005</span>					
Leslie S. Szivos, Ph.D. Registration No. 39,394					
<div style="border: 1px solid black; padding: 5px; width: fit-content;">         I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____  <div style="text-align: center; margin-top: 10px;">(Date)</div> <div style="text-align: center; margin-top: 10px;">Signature of Person Mailing Correspondence</div> <div style="text-align: center; margin-top: 10px;">Typed or Printed Name of Person Mailing Correspondence</div> </div>					
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CENTRAL FAX CENTER**Applicant(s):** Jack O. Chu, et al.**Examiner:** Phuc T. Dang

JAN 10 2005

**Serial No:** 10/775,515**Art Unit:** 2818**Filed:** February 10, 2004**Docket:** YOR920010308US2 (16315A)**Dated:** January 10, 2005**For:** EPITAXIAL AND POLYCRYSTALLINE GROWTH OF  $Si_{1-x-y}Ge_xC_y$  AND  $Si_{1-y}C_y$  ALLOY LAYERS ON Si BY UHV-CVD**Confirmation No.** 1045Commissioner for Patents  
United States Patent Office  
Alexandria, VA 23313-1450**RESPONSE UNDER 37 C.F.R. § 1.111**

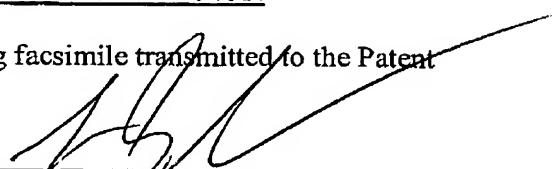
Sir:

In response to the Office Action dated October 12, 2004, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

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**CERTIFICATION OF FACSIMILE TRANSMISSION**

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**Dated:** January 10, 2005  
Leslie S. Szivos, Ph.D.